1988 Editorial Index

AUTHORS

Adams, Walter C. Computer Room Fires. (Training Notebook) September, p12.

Alrutz, Walter Vehicle Extrication. November, p46. Vehicle Extrication. December p62.

Andrade, Michael Quake Country. April, p30.

Appleby, Gary F. Operation Kitty Hawk. November, p35.

Arwood, Richard B. Positive Reinforcement. June, p93.

Barnett-Queen, Timothy Implementing Posttrauma Programs. September, p52. Maintaining Posttrauma Programs. October, p73. Posttrauma Response Programs. August, p89.

Bennett, Jack High-Rise: Be Ready to Fight the Battle. August, p43.

Bergmann, Lawrence H. Implementing Posttrauma Programs. September, p52. Maintaining Posttrauma Programs. October, p73. Posttrauma Response Programs. August, p89.

Bowen, John E. Preincident Planning for Pesticide Fires. February, p36.

Brannigan, Francis L. Are Wood Trusses Good For Your Health? June, p73. More Dangerous Myths. September, p37. The Metal Deck Roof Debate. March, p58.

Brennan, Tom Aerial Ladder Safety. (Random Thoughts) June, p128. America Still Burning. (Editor's Opinion) January, p6. America Still Burning. March, p65. Animals. (Random Thoughts) April, p70. An Open Letter. (Editor's Opinion) May, p6. A Tale of Two Heroes. (Editor's Opinion) April, p6. Circular Power Saw Safety. (Random Thoughts) May, p88. Fire Prevention Planning. (Editor's Opinion) June, p6. Forcible Entry. (Random Thoughts) September, p90. Hoseline Safety. (Random Thoughts) November, p74. Human Rights For All Humans. (Editor's Opinion) December, p6. It's Not A Debate Any Longer. (Editor's Opinion) March, p6. Look What We Did. (Editor's Opinion) October, p6. Portable Ladder Safety. (Random Thoughts) January, p70. Provocative Questions. (Random Thoughts) December, p90. Recruit Orientation. (Random Thoughts) October, p98. Searching Above the Fire. (Random Thoughts) February, p82. Step Forward, Fall Backward. (Editor's Opinion) February, p6. Strategy and Tactics. (Random Thoughts) July, p64. Teaching With Fire Photos. (Random Thoughts) March, p110. Thanks in November. (Editor's Opinion) November, p6. Tower Ladders. (Random Thoughts) August, p140. Truss Construction Claims More Lives. (Editor's Opinion) August, p6. What's Dumb? (Editor's Opinion) July, p6. Working With the Media? (Editor's Opinion) September, p6.

Caldwell, Phillip Juvenile Attention-Getters. January, p23.

Cantillo, Robert L. Manhattan Residence Hotel Fire. September, p42.

Carlson, Gene P. Car Fires: Too Often Taken For Granted. (Volunteers Corner) May, p8. Fire Attack With Positive-Pressure Ventilation. (Volunteers Corner) October, p8. Haz-Mat Commitment. (Volunteers Corner) February, p8. Medical Profile (Volunteers Corner) December, p8. More on Truck Fires. (Volunteers Corner) September, p8. Truck Fires. (Volunteers Corner) July, p8.

Carter, Harry R. Chemical Suit Procedures. (Training Notebook) February, p10.

Caulfield, Hugh J. Lateral Thinking. October, p36. Maintaining the System. August, p30. Vertical Thinking. September, p66.

Chapman, Elmer F. Elevator Use. November, p43. High-Rise: An Analysis. August, p52.

Cofiell, Ken Precautions in Haz-Mat Photography. (Training Notebook) June, p12.

Colella, Brian A. Selection And Training Of Line Officers in the Volunteer Fire Service. August, p105.

Comer, William J. The Quick Collapse of a "Slow Burner." January, p20.

Cook, John Lee The Management of Change. August, p113.

Corbett, Glenn P. Connected. January, p40. Five Fall in Hackensack. October, p22. Lightweight Wood Truss Floor Construction: A Fire Lesson. July, p41.

Downey, Ray More On Tools and Equipment. (The Rescue Company) October, p12. Recruiting and Manning. (The Rescue Company) August, p12. Rescue Apparatus (The Rescue Company) July, p15. Rescue Site Management. (The Rescue Company) November, p14. Tools and Equipment. (The Rescue Company) September, p18. Training. (The Rescue Company) December, p14. What Rescue's About. (The Rescue Company) June, p14.

Dunn, Vincent Advancing the Initial Attack Hoseline. December, p34. Beating the Backdraft. April, p44. BLEVE: The Propane Cylinder. August, p63. Dangers of Overhauling. October, p42. Defensive Outside Firefighting Tactics. June, p52.

Fire, Frank L. Chemical Data Notebook Series #31: Acetic Acid. December, p72. Chemical Data Notebook Series #26: Ammonium Hydroxide. July, p51. Chemical Data Notebook Series #29: Benzene. October, p77. Chemical Data Notebook Series #30: Benzoyl Peroxide. November, p53. Chemical Data Notebook Series #28: Carbon Tetrachloride. September, p69. Chemical Data Notebook Series: #23: Chromic Acid. April, p51. Chemical Data Notebook Series #20: Formaldehyde. January, p49. Chemical Data Notebook Series #21: Hydrogen Chloride. February, p61. Chemical Data Notebook Series #24: Hydrogen Fluoride. May, p67. Chemical Data Notebook Series #25: Methyl Ethyl Ketone. June, p101. Chemical Data Notebook Series #27: Potassium Nitrate. August, p121. SARA in All its Simplicity. Febuary, p41. Chemical Data Notebook Series #22: Tetrahydrofuran. March, p81.

Fitzpatrick, Tom Information Central. June, p81.

Fleming, Edward G. Dams as Defense. April, p24.

Frank, John A. Foam System Considerations for Conventional Fire Apparatus. October, p60.

Fries, Jay R. Substance Abuse Testing. May, p31.

George, Arthur E. Only One Standard. March, p37.

Grey, Gerald Chemical Suit Procedures. (Training Notebook) February, p10.

Haase, Rick Some Notes on Extrication. (Training Notebook) November, p10.
Hardin, Thomas F. Flowing Against Tradition. March, p75.
Holt, Francis X. Assessing Risk-Taking Behavior in Firefighters. November, p30. Fire Communications: Are You Really Listening? July, p23.
Howard, Hank A. Tires Burning By The Acre. June, p22.

Janda, Gerald From Drill to Real in 15 Days. March, p32.
Johnson, Roger L. Control Room. February, p55.
Johnston, Michael Personnel Supervision And Administrative Attitudes. August, p93.

Kirtley, Ed Skills Hand-Off. March, p35.
Kuhner, Raymond E. Propane Incident. November, p26.

Lucia, George E. Victorian: Beauty or the Beast? September, p60.

Marinucci, Richard A. Volunteer Recruiting: A Success Story. August, p98.
May, William A. Collecting and Handling Evidence. (Training Notebook) August, p10. More With Less. June, p62.
McFadden, Paul Horizontal Venting. (Volunteers Corner) August, p8. House Fires: The Initial Attack. (Volunteers Corner) March, p8. More on Venting Private Dwellings. (Volunteers Corner) June, p8. Reading House Types. (Volunteers Corner) January, p8. Risk and Chance? Bull! (Volunteers Corner) November, p8. Vertical Ventilation of Private Dwellings. (Volunteers Corner) April, p8.
McLaughlin, Philip J. Plan B. March, p20.
Mitchell, Marilyn Emergency Response to Questions on AIDS. May, p43.
Mittendorf, John Joist-Rafter Versus Lightweight Truss. July, p48. The Metal Deck Roof Debate. March, p58.
Moore, Ronald E. Steering Column Extrication: Across the Front. February, p48. Steering Column Extrication: Alternatives. March, p43. Steering Column Extrication: The Preparation. January, p32.
Murry, Leonard S. Managing the Media at Major Haz-Mat Incidents. (Training Notebook) July, p13.

Naum, Christopher J. Initial Reports. (Training Notebook) January, p12.

Obermayer, Robert Cellar Fires and the Cellar Stairway. July, p36. Firefighter Risk in Nonresidential Occupancies. (Training Notebook) May, p10 Windows: For Emergency Use Only. (Training Notebook) October, p10.
Orvos, David R. Biohazard. April, p49.
O'Sullivan, Kevin Working on Air. December, p28.

Phelps, Burton W. Strategy and Tactics: A Clarification. October, p31.

Reardon, MaryEllen A Performance Standard for Promotions. May, p49.
Roig, Miguel A Performance Standard for Promotions. May, p49.
Routley, Gordon J. Is Your SCBA Dangerous? September, p33.
Ryan, Gary Out From Under a Cloud. February, p22.

Schumacher, Joe Training Fires: Lessons vs. Risks. May, p38.
Shouldis, William A. Fire at the Zoo. October, p69.
Silensky, Philip Foams Applied in Chemical Spill. June, p97.
Silvi, E. Lee Even if You're Small. April, p39.
Simmons, Katherine K. Child's Eye View. January, p30.
Smith, James Plan B. March, p20.
Smith, Sheila Waking the Sleeping Giant. August, p80.
Stacey, John W. Lesson Plan: Computer-Aided Dispatch System. July, p32.
Stein, Paul How to Step on Their Shoes Without Messing Up Their Shine. May, p59.
Stravino, Anthony P. Joint Purchasing Group. August, p27.
Szymanski, David J. Lesson Plan: Computer-Aided Dispatch System. July, p32.

Thrasher, Craig Lee SCBA Cylinder Failure. December, p52.
Tucker, Daniel J. SCBA Management, December, p46.

Ullman, Kurt Death Notification: Helping Survivors Handle Grief. (Training Notebook) March, p10.

Velasquez, Mike Emergency Response to Questions on AIDS. May, p43.
Ventimiglia, Mike Paradise (Almost) Lost. May, p18.
Vigiano, John T. Extrication Tool. (Training Notebook) December, p10.

Worley, William R. Guns and Bullets in Fires. (Training Notebook) April, p12.
Woodworth, Steven P. Foam System Considerations for Conventional Fire Apparatus. October, p60.

Young, Kenneth Ray Excuses, Excuses. June, p34.

SUBJECTS

Apparatus

Foam System Considerations for Conventional Fire Apparatus. Steven P. Woodworth and John A. Frank. October, p60.
More on Tools and Equipment. Ray Downey. (The Rescue Company) October, p12.
Rescue Apparatus. Ray Downey. (The Rescue Company) July, p15.
Tools and Equipment. Ray Downey. (The Rescue Company) September, p18.
Tower Ladders. Tom Brennan. (Random Thoughts) August, p140.
Working on Air. Kevin O'Sullivan. December, p28.

Arson Investigation

Children and Fire Targeted In National Five-Year Program to Reduce Juvenile Injuries. (Dispatches) July, p21.
Child's-Eye View. Katherine K. Simmons. January, p30.
Collecting and Handling Evidence. William A. May. (Training Notebook) August, p10.
Juvenile Attention-Getters. Phillip Caldwell. January, p23.
More With Less. William A. May. June, p62.

Building Construction

Are Wood Trusses Good For Your Health? Francis L. Brannigan. June, p73.
Fire Chiefs Take Over Southern Standard Fire Code. (Dispatches) January, p18.
Five Fall in Hackensack. Glenn P. Corbett. October, p22.
Joist-Rafter Versus Lightweight Truss. John Mittendorf. July, p48.
Lightweight Wood Truss Floor Construction: A Fire Lesson. Glenn P. Corbett. July, p41.
More Dangerous Myths. Francis L. Brannigan. September, p37.
Reading House Types. Paul McFadden. (Volunteers Corner) January, p8.
The Metal Deck Roof Debate. Francis L. Brannigan and John Mittendorf. March, p58.
The Quick Collapse of a "Slow Burner." William J. Comer. January, p20.
Victorian: Beauty or the Beast? George E. Lucia, September, p60.

Chemical Data Notebook Series

Acetic Acid. Frank L. Fire. December, p72.
Ammonium Hydroxide. Frank L. Fire. July, p51.
Benzene. Frank L. Fire. October, p77.
Benzoyl Peroxide. Frank L. Fire. November, p53.
Carbon Tetrachloride. Frank L. Fire. September, p69.
Chromic Acid. Frank L. Fire. April, p51.
Formaldehyde. Frank L. Fire. January, p49.
Hydrogen Chloride. Frank L. Fire. February, p61.
Hydrogen Fluoride. Frank L. Fire. May, p67.

Methyl Ethyl Ketone. Frank L. Fire. June, p101.
Potassium Nitrate. Frank L. Fire. August, p121.
Tetrahydrofuran. Frank L. Fire. March, p81.

Communications

Fire Communications: Are You Really Listening? Francis X. Holt. July, p23.
Initial Reports. Christopher J. Naum. (Training Notebook) January, p12.
Lesson Plan: Computer-Aided Dispatch System. David J. Szymanski and John W. Stacey. July, p32.
Working With The Media? Tom Brennan. (Editor's Opinion) September, p6.

Disaster Management

Control Room. Roger L. Johnson. February, p55.
Even If You're Small. E. Lee Silvi. April, p39.
Operation Kitty Hawk. Gary F. Appleby. November, p35.
Paradise (Almost) Lost. Mike Ventimiglia. May, p18.
Propane Incident. Raymond E. Kuhner. November, p26.
Quake Country. Michael Andrade. April, p30.

Editor's Opinion

America Still Burning. Tom Brennan. January, p6.
An Open Letter. Tom Brennan. May, p6.
A Tale of Two Heroes. Tom Brennan. April, p6.
Fire Prevention Planning. Tom Brennan. June, p6.
Human Rights for All Humans. Tom Brennan. December, p6.
It's Not a Debate Any Longer. Tom Brennan. March, p6.
Look What We Did! Tom Brennan. October, p6.
Step Forward, Fall Backward. Tom Brennan. February, p6.
Thanks in November. Tom Brennan. November, p6.
Truss Construction Claims More Lives. Tom Brennan. August, p6.
What's Dumb? Tom Brennan. July, p6.
Working With The Media? Tom Brennan. September, p6.

Education

America Still Burning. (Editor's Opinion) Tom Brennan. January, p6.
America Still Burning. Tom Brennan. March, p65.
A Performance Standard for Promotions. Miguel Roig and MaryEllen Reardon. May, p49.
Child's-Eye View. Katherine K. Simmons. January, p30.
Death Notification: Helping Survivors Handle Grief. Kurt Ullman. (Training Notebook) March, p10.
Home Heating Fires Promote Educational Campaign. (Dispatches) June, p21.

EMS

EMS Improvements—and Several Ways to Pay for Them—Are the Crux of a Senate Bill. (Dispatches) April, p21.

Equipment Innovations

Extrication Tool. John T. Vigiano. (Training Notebook) December, p10.
Fire Attack with Positive-Pressure Ventilation. Gene P. Carlson. (Volunteers Corner) October, p8.
Foam System Considerations for Conventional Fire Apparatus. Steven P. Woodworth and John A. Frank. October, p60.
Working on Air. Kevin O'Sullivan. December, p28.

Extinguishment Systems

House Sponsors of a Hotel Sprinkler Bill Redraft it to Answer Fire Service Objections. (Dispatches) April, p18.
IAFC's Code Involvement Turns to Sprinklers in the Southeast. (Dispatches) March, p18.

Firefighting

Beating the Backdraft. Vincent Dunn. April, p44.
BLEVE: The Propane Cylinder. Vincent Dunn. August, p63.
Car Fires: Too Often Taken for Granted. Gene P. Carlson. (Volunteers Corner) May, p8.
Cellar Fires and the Cellar Stairway. Robert Obermayer. July, p36.
Computer Room Fires. Walter C. Adams. (Training Notebook) September, p12.
Defensive Outside Firefighting Tactics. Vincent Dunn. June, p52.
Fire Attack with Positive-Pressure Ventilation. Gene P. Carlson. (Volunteers Corner) October, p8.
Fire at the Zoo. William A. Shouldis. October, p69.
Firefighter Risk in Nonresidential Occupancies. Robert Obermayer. (Training Notebook) May, p10.
Five Fall in Hackensack. Glenn P. Corbett. October, p22.
High-Rise: Be Ready to Fight the Battle. Jack Bennett. August, p43.
Horizontal Venting. Paul McFadden. (Volunteers Corner) August, p8.
Hoseline Safety. Tom Brennan. (Random Thoughts) November, p74.
Initial Reports. Christopher J. Naum. (Training Notebook) January, p12.
Joist-Rafter Versus Lightweight Truss. John Mittendorf. July, p48.
Manhattan Residence Hotel Fire. Robert L. Cantillo. September, p42.
More on Truck Fires. Gene P. Carlson. (Volunteers Corner) September, p8.
More on Venting Private Dwellings. Paul McFadden. (Volunteers Corner) June, p8.
Operation Kitty Hawk. Gary F. Appleby. November, p35.
Paradise (Almost) Lost. Mike Ventimiglia. May, p18.
Reading House Types. Paul McFadden. (Volunteers Corner) January, p8.
Risk and Chance? Bull! Paul McFadden. (Volunteers Corner) November, p8.
The Quick Collapse of a "Slow Burner." William J. Comer. January, p20.
Tires Burning by the Acre. Hank A. Howard. June, p22.
Tower Ladders. Tom Brennan. (Random Thoughts) August, p140.
Truck Fires. Gene P. Carlson. (Volunteers Corner) July, p8.
Vertical Venting of Private Dwellings. Paul McFadden. (Volunteers Corner) April, p8.
Victorian: Beauty or the Beast? George E. Lucia. September, p60.

Firefighting Basics

Advancing the Initial Attack Hoseline. Vincent Dunn. December, p34.
Dangers of Overhauling. Vincent Dunn. October, p42.
Forcible Entry. Tom Brennan. (Random Thoughts) September, p90.
House Fires: The Initial Attack. Paul McFadden. (Volunteers Corner) March, p8.
Provocative Questions. Tom Brennan. (Random Thoughts) December, p90.
Searching Above the Fire. Tom Brennan. (Random Thoughts) February, p82.
Windows: For Emergency Use Only. Robert Obermayer. (Training Notebook) October, p10.

Firefighting Techniques

Foams Applied in Chemical Spill. Philip Silensky. June, p97.
Foam System Considerations for Conventional Fire Apparatus. Steven P. Woodworth and John A. Frank. October, p60.

Fire Prevention

America Still Burning. Tom Brennan. March, p65.
Connected. Glenn P. Corbett. January, p40.
Excuses, Excuses. Kenneth Ray Young. June, p34.
Fire Prevention Planning. Tom Brennan. (Editor's Opinion) June, p6.

Fire Protection

Connected. Glenn P. Corbett. January, p40.
Foams Applied in Chemical Spill. Philip Silensky. June, p97.
Foam System Considerations for Conventional Fire Apparatus. Steven P. Woodworth and John A. Frank. October, p60.
What's Dumb? Tom Brennan. (Editor's Opinion) July, p6.

Fire Report

Fire at the Zoo. William A. Shouldis. October, p69.
Five Fall in Hackensack. Glenn P. Corbett. October, p22.

From Drill to Real in 15 Days. Gerald Janda. March, p32.
Guns and Bullets in Fires. William R. Worley. (Training Notebook) April, p12.
High-Rise: An Analysis. Elmer F. Chapman. August, p52.
Manhattan Residence Hotel Fire. Robert L. Cantillo. September, p42.
Paradise (Almost) Lost. Mike Ventimiglia. May, p18.
Plan B. Philip J. McLaughlin and James Smith. March, p20.
Propane Incident. Raymond E. Kuhner. November, p26.
The Quick Collapse of a "Slow Burner." William J. Comer. January, p20.
Tires Burning By the Acre. Hank A. Howard. June, p22.
Truss Construction Claims More Lives. Tom Brennan. (Editor's Opinion) August, p6.

Fire Science

Biohazard. David R. Orvos. April, p49.
Chemical Data Notebook Series #31: Acetic Acid. Frank L. Fire. December, p72.
Chemical Data Notebook Series #26: Ammonium Hydroxide. Frank L. Fire. July, p51.
Chemical Data Notebook Series #29: Benzene. Frank L. Fire. October, p77.
Chemical Data Notebook Series #30: Benzoyl Peroxide. Frank L. Fire. November, p53.
Chemical Data Notebook Series #28: Carbon Tetrachloride. Frank L. Fire. September, p69.
Chemical Data Notebook Series #23: Chromic Acid. Frank L. Fire. April, p51.
Chemical Data Notebook Series #20: Formaldehyde. Frank L. Fire. January, p49.
Chemical Data Notebook Series #21: Hydrogen Chloride. Frank L. Fire. February, p61.
Chemical Data Notebook Series #24: Hydrogen Fluoride. Frank L. Fire. May, p67.
Chemical Data Notebook Series #25: Methyl Ethyl Ketone. Frank L. Fire. June, p101.
Chemical Data Notebook Series #27: Potassium Nitrate. Frank L. Fire. August, p121.
Chemical Data Notebook Series #22: Tetrahydrofuran. Frank L. Fire. March, p81.

Fire Service Outlook

America Still Burning. Tom Brennan. March, p65.

Hazardous Materials

Biohazard. David R. Orvos. April, p49.
BLEVE: The Propane Cylinder. Vincent Dunn. August, p63.
Chemical Data Notebook Series #31: Acetic Acid. Frank L. Fire. December, p72.
Chemical Data Notebook Series #26: Ammonium Hydroxide. Frank L. Fire. July, p51.
Chemical Data Notebook Series #29: Benzene. Frank L. Fire. October, p77.
Chemical Data Notebook Series #30: Benzoyl Peroxide. Frank L. Fire. November, p53.
Chemical Data Notebook Series #28: Carbon Tetrachloride. Frank L. Fire. September, p69.
Chemical Data Notebook Series #23: Chromic Acid. Frank L. Fire. April, p51.
Chemical Data Notebook Series #20: Formaldehyde. Frank L. Fire. January, p49.
Chemical Data Notebook Series #21: Hydrogen Chloride. Frank L. Fire. February, p61.
Chemical Data Notebook Series #24: Hydrogen Fluoride. Frank L. Fire. May, p67.
Chemical Data Notebook Series #25: Methyl Ethyl Ketone. Frank L. Fire. June, p101.
Chemical Data Notebook Series #27: Potassium Nitrate. Frank L. Fire. August, p121.
Chemical Data Notebook Series #22: Tetrahydrofuran. Frank L. Fire. March, p81.
Chemical Suit Procedures. Gerald Grey and Harry R. Carter. (Training Notebook) February, p10.
Dams as Defense. Edward G. Fleming. April, p24.
Haz-Mat Commitment. Gene P. Carlson. (Volunteers Corner) February, p8.
Maine Paper Mill Appeals OSHA Haz-Mat Citations. (Dispatches) January, p18.
Managing the Media at Major Haz-Mat Incidents. Leonard S. Murry. (Training Notebook) July, p13.
NTSB Makes Recommendations for Railroad Tank Car Safety after Miamisburg Derailment (Dispatches) February, p21.
Out From Under a Cloud. Gary Ryan. February, p22.
Precautions in Haz-Mat Photography. Ken Cofiell. (Training Notebook) June, p12.
Preincident Planning for Pesticide Fires. John E. Bowen. February, p36.
Propane Incident. Raymond E. Kuhner. November, p26.
Proposed EPA Rules Would Back a Global Agreement on Halons. (Dispatches) January, p16.
SARA in All Its Simplicity. Frank L. Fire. February, p41.

Human Resources

A Performance Standard for Promotions. Miguel Roig and MaryEllen Reardon. May, p49.
It's Not a Debate Any Longer. Tom Brennan. (Editor's Opinion) March, p6.
Recruit Orientation. Tom Brennan. (Random Thoughts) October, p98.
Selection and Training of Line Officers in the Volunteer Fire Service. Brian A. Colella. August, p105.
Volunteer Recruiting: A Success Story. Richard A. Marinucci. August, p98.

Hydraulics

Flowing Against Tradition. Thomas F. Hardin. March, p75.

Incident Command

Control Room. Roger L. Johnson. February, p55.
Initial Reports. Christopher J. Naum. (Training Notebook) January, p12.
Out From Under a Cloud. Gary Ryan. February, p22.
Paradise (Almost) Lost. Mike Ventimiglia. May, p18.
Preincident Planning for Pesticide Fires. John E. Bowen. February, p36.
Propane Incident. Raymond E. Kuhner. November, p26.

Incident Report

Dams as Defense. Edward G. Fleming. April, p24.
Out From Under a Cloud. Gary Ryan. February, p22.
Quake Country. Michael Andrade. April, p30.

Industrial Training

From Drill to Real in 15 Days. Gerald Janda. March, p32.
Operation Kitty Hawk. Gary F. Appleby. November, p35.
Plan B. Philip J. McLaughlin and James Smith. March, p20.

Laws and Legislation

A Former Fire Chief Rallies a Fire Service Caucus During His First Year as a Member of Congress. (Dispatches) January, p16.
Amendment Would Presume Liability of Fire Equipment Manufacturers. (Dispatches) October, p16.
A Tale of Two Heroes. Tom Brennan. (Editor's Opinion) April, p6.
Collecting and Handling Evidence. William A. May. (Training Notebook) August, p10.
Firefighters May Get an Exemption from National Commercial Licensing Requirements. (Dispatches) May, p16.
Home Cassettes in the Firehouse May Carry a Hidden Price. (Dispatches) March, p18.
SARA in All Its Simplicity. Frank L. Fire. February, p41.
The Evolution of Standards: The NFPA Fall Meeting Adopts a Long List of Standards. (Dispatches) January, p17.
Tire Dump Rules Considered. (Dispatches) April, p21.
Waking the Sleeping Giant. Sheila Smith, p80.

Maintenance

SCBA Cylinder Failure. Craig Lee Thrasher. December, p52.
SCBA Management. Daniel J. Tucker. December, p46.

Management

America Still Burning. Tom Brennan. (Editor's Opinion) January, p6.
America Still Burning. Tom Brennan. March, p65.
Assessing Risk-Taking Behavior in Firefighters. Francis X. Holt. November, p30.
A Stipend Boosts Membership in a N.J. Department. (Dispatches) February, p21.

Control Room. Roger L. Johnson. February, p55.
Death Notification: Helping Survivors Handle Grief. Kurt Ullman. (Training Notebook) March, p10.
EMS Improvements—and Several Ways to Pay for Them—Are the Crux of a Senate Bill. (Dispatches) April, p21.
How to Step on Their Shoes Without Messing Up Their Shine. Paul Stein. May, p59.
Information Central. Tom Fitzpatrick. June, p81.
It's Not a Debate Any Longer. Tom Brennan. (Editor's Opinion) March, p6.
Joint Purchasing Group. Anthony P. Stravino. August, p27.
Lateral Thinking. Hugh J. Caulfield. October, p36.
Maintaining the System. Hugh J. Caulfield. August, p30.
Personnel Supervision And Administrative Attitudes. Michael Johnston. August, p93.
Positive Reinforcement. Richard B. Arwood. June, p93.
Recruiting and Manning. Ray Downey. (The Rescue Company) August, p12.
Recruit Orientation. Tom Brennan. (Random Thoughts) October, p98.
Rescue Site Management. Ray Downey. (The Rescue Company) November, p14.
SARA In All Its Simplicity. Frank L. Fire. February, p41.
Selection and Training of Line Officers in the Volunteer Fire Service. Brian A. Colella. August, p105.
Substance Abuse Testing. Jay R. Fries. May, p31.
The Management of Change. John Lee Cook. August, p113.
Tools and Equipment. Ray Downey. (The Rescue Company) September, p18.
Training. Ray Downey. (The Rescue Company) December, p14.
Vertical Thinking. Hugh J. Caulfield. September, p66.
Volunteer Recruiting: A Success Story. Richard A. Marinucci. August, p98.

Preincident Planning

Connected. Glenn P. Corbett. January, p40.
Even If You're Small. E. Lee Silvi. April, p39.
From Drill to Real in 15 Days. Gerald Janda. March, p32.
House Fires: The Initial Attack. Paul McFadden. (Volunteers Corner) March, p8.
Operation Kitty Hawk. Gary F. Appleby. November, p35.
Reading House Types. Paul McFadden. (Volunteers Corner) January, p8.
The Metal Deck Roof Debate. Francis L. Brannigan and John Mittendorf. March, p58.
The Quick Collapse of a "Slow Burner." William J. Comer. January, p20.
Victorian: Beauty or the Beast? George E. Lucia. September, p60.

Protective Equipment

Chemical Suit Procedures. Gerald Grey and Harry R. Carter. (Training Notebook) February, p10.
Is Your SCBA Dangerous? J. Gordon Routley. September, p33.

Public Relations

America Still Burning. Tom Brennan. (Editor's Opinion) January, p6.
Child's-Eye View. Katherine K. Simmons. January, p30.
Death Notification: Helping Survivors Handle Grief. Kurt Ullman. (Training Notebook) March, p10.
Managing the Media at Major Haz-Mat Incidents. Leonard S. Murry. (Training Notebook) July, p13.

Random Thoughts

Aerial Ladder Safety. Tom Brennan. June, p128.
Animals. Tom Brennan. April, p70.
Circular Power Saw Safety. Tom Brennan. May, p88.
Forcible Entry. Tom Brennan. September, p90.
Hoseline Safety. Tom Brennan. November, p74.
Portable Ladder Safety. Tom Brennan. January, p70.
Provocative Questions. Tom Brennan. December, p90.
Recruit Orientation. Tom Brennan. October, p98.
Searching Above the Fire. Tom Brennan. February, p82.
Strategy and Tactics. Tom Brennan. July, p64.
Teaching with Fire Photos. Tom Brennan. March, p110.
Tower Ladders. Tom Brennan. August, p140.

Research

SCBA Cylinder Failure. Craig Lee Thrasher. December, p52.

Rescue

Extrication Tool. John T. Vigiano. (Training Notebook) December, p10.
More on Tools and Equipment. Ray Downey. (The Rescue Company) October, p12.
Rescue Apparatus. Ray Downey. (The Rescue Company) July, p15.
Rescue Site Management. Ray Downey. (The Rescue Company) November, p14.
Searching Above the Fire. Tom Brennan. (Random Thoughts) February, p82.
Some Notes on Extrication. Rick Haase. (Training Notebook) November, p10.
Steering Column Extrication: Across the Front. Ronald E. Moore. February, p48.
Steering Column Extrication: Alternatives. Ronald E. Moore. March, p43.
Steering Column Extrication: The Preparation. Ronald E. Moore. January, p32.
Tools and Equipment. Ray Downey. (The Rescue Company) September, p18.
Training. Ray Downey. (The Rescue Company) December, p14.
Vehicle Extrication. Walter Alrutz. November, p46.
Vehicle Extrication. Walter Alrutz. December, p62.
What Rescue's About. Ray Downey. (The Rescue Company) June, p14.

Safety and Health

Advancing the Initial Attack Hoseline. Vincent Dunn. December, p34.
Aerial Ladder Safety. Tom Brennan. (Random Thoughts) June, p128.
AIDS Clause Negotiated into Firefighters' Contract. (Dispatches) August, p25.
Are Wood Trusses Good For Your Health? Francis L. Brannigan. June, p73.
Assessing Risk-Taking Behavior in Firefighters. Francis X. Holt. November, p30.
Bills Propose Changes to Public Safety Benefits. (Dispatches) January, p16.
Circular Power Saw Safety. Tom Brennan. (Random Thoughts) May, p88.
Defensive Outside Firefighting Tactics. Vincent Dunn. June, p52.
Dense Concentrations of Zinc Chloride Clouds Hazardous, NIOSH Report Concludes. (Dispatches) September, p30.
Emergency Response to Questions on AIDS. Mike Velasquez and Marilyn Mitchell. May, p43.
Five Fall in Hackensack. Glenn P. Corbett. October, p22.
Guns and Bullets in Fires. William R. Worley. (Training Notebook) April, p12.
Heart Attack Leads the List of Firefighter Fatalities Once Again. (Dispatches) July, p21.
Hoseline Safety. Tom Brennan. (Random Thoughts) November, p74.
Implementing Posttrauma Programs. Timothy Barnett-Queen and Lawrence H. Bergmann, September, p52.
Injury-related Deaths are on a Downward Trend, Federal Agencies Report. (Dispatches) May, p16.
Is Your SCBA Dangerous? J. Gordon Routley. September, p33.
Lightweight Wood Truss Floor Construction: A Fire Lesson. Glenn P. Corbett. July, p41.
Maintaining Posttrauma Programs. Timothy Barnett-Queen and Lawrence H. Bergmann. October, p73.
Medical Profile. Gene P. Carlson. (Volunteers Corner) December, p8.
More Dangerous Myths. Francis L. Brannigan. September, p37.
Posttrauma Response Programs. Timothy Barnett-Queen and Lawrence H. Bergmann. August, p89.
SCBA Cylinder Failure. Craig Lee Thrasher. December, p52.
SCBA Management. Daniel J. Tucker. December, p46.
Strategy and Tactics. Tom Brennan. (Ran-

dom Thoughts) July, p64.
Substance Abuse Testing. Jay R. Fries. May, p31.
Tower Ladders. Tom Brennan. (Random Thoughts) August, p140.
Training Fires: Lessons vs. Risks. Joe Schumacher. May, p38.
Volunteer Protection Act Awaits Hearing Dates in Congress. (Dispatches) January, p18.
Welding and Contact Lenses: A Recurring Rumor Refuted. (Dispatches) April, p19.
Years After Major Chemical Blaze, NJ. Firefighters Experience Chronic Illnesses. (Dispatches) June, p20.

SCBA

Is Your SCBA Dangerous? J. Gordon Routley. September, p33.
SCBA Cylinder Failure. Craig Lee Thrasher. December, p52.
SCBA Management. Daniel J. Tucker. December, p46.

Special Risk Fires

Elevator Use. Elmer F. Chapman. November, p43.
Fire at the Zoo. William A. Shouldis. October, p69.
Guns and Bullets in Fires. William R. Worley. (Training Notebook) April, p12.
High-Rise: An Analysis. Elmer F. Chapman. August, p52.
High-Rise: Be Ready to Fight the Battle. Jack Bennett. August, p43.
Tires Burning By the Acre. Hank A. Howard. June, p22.

Strategy and Tactics

Advancing the Initial Attack Hoseline. Vincent Dunn. December, p34.
Aerial Ladder Safety. Tom Brennan. (Random Thoughts) June, p128.
Animals. Tom Brennan. (Random Thoughts) April, p70.
Beating the Backdraft. Vincent Dunn. April, p44.
BLEVE: The Propane Cylinder. Vincent Dunn. August, p63.
Car Fires: Too Often Taken for Granted. Gene P. Carlson. (Volunteers Corner) May, p8.
Cellar Fires and the Cellar Stairway. Robert Obermayer. July, p36.
Computer Room Fires. Walter C. Adams. (Training Notebook) September, p12.
Dams as Defense. Edward G. Fleming. April, p24.
Dangers of Overhauling. Vincent Dunn. October, p42.
Defensive Outside Firefighting Tactics. Vincent Dunn. June, p52.
Elevator Use. Elmer F. Chapman. November, p43.
Fire Attack with Positive-Pressure Ventilation. Gene P. Carlson. (Volunteers Corner) October, p8.
Fire at the Zoo. William A. Shouldis. October, p69.
Firefighter Risk in Nonresidential Occupancies. Robert Obermayer. (Training Notebook) May, p10.
High-Rise: An Analysis. Elmer F. Chapman. August, p52.
High-Rise: Be Ready to Fight the Battle. Jack Bennett. August, p43.
Horizontal Venting. Paul McFadden. (Volunteers Corner) August, p8.
House Fires: The Initial Attack. Paul McFadden. (Volunteers Corner) March, p8.
Joist-Rafter Versus Lightweight Truss. John Mittendorf. July, p48.
Lightweight Wood Truss Floor Construction: A Fire Lesson. Glenn P. Corbett. July, p41.
Manhattan Residence Hotel Fire. Robert L. Cantillo. September, p42.
More on Venting Private Dwellings. Paul McFadden (Volunteers Corner) June, p8.
Out From Under a Cloud. Gary Ryan. February, p22.
Plan B. Philip J. McLaughlin and James Smith. March, p20.
Portable Ladder Safety. Tom Brennan. (Random Thoughts) January, p70.
Preincident Planning for Pesticide Fires. John E. Bowen. February, p36.
Provocative Questions. Tom Brennan. (Random Thoughts) December, p90.
Searching Above the Fire. Tom Brennan. (Random Thoughts) February, p82.
Steering Column Extrication: The Preparation. Ronald E. Moore. January, p32.
Steering Column Extrication: Across the Front. Ronald E. Moore. February, p48.
Steering Column Extrication: Alternatives. Ronald E. Moore. March, p43.
Strategy and Tactics. Tom Brennan. (Random Thoughts) July, p64.
The Metal Deck Roof Debate. Francis L. Brannigan and John Mittendorf. March, p58.
The Quick Collapse of a "Slow Burner." William J. Comer. January, p20.
Tower Ladders. Tom Brennan. (Random Thoughts) August, p140.
Truck Fires. Gene P. Carlson. (Volunteers Corner) July, p8.
Vertical Venting of Private Dwellings. Paul McFadden (Volunteers Corner) April, p8.
Victorian: Beauty or the Beast? George E. Lucia. September, p60.

The Rescue Company

More on Tools and Equipment. Ray Downey. October, p12.
Recruiting and Manning. Ray Downey. August, p12.
Rescue Apparatus. Ray Downey. July, p15.
Rescue Site Management. Ray Downey. November, p14.
Tools and Equipment. Ray Downey. September, p18.
Training. Ray Downey. December, p14.
What Rescue's About. Ray Downey. June, p14.

Tools and Equipment

Circular Power Saw Safety. Tom Brennan. (Random Thoughts) May, p88.
Extrication Tool. John T. Vigiano. (Training Notebook) December, p10.
Tools and Equipment. Ray Downey. (The Rescue Company) September, p18.
More on Tools and Equipment. Ray Downey. (The Rescue Company) October, p12.
Working on Air. Kevin O'Sullivan. December, p28.

Training

Aerial Ladder Safety. Tom Brennan. (Random Thoughts) June, p128.
America Still Burning. Tom Brennan. (Editor's Opinion) January, p6.
America Still Burning. Tom Brennan. March, p65.
Animals. Tom Brennan (Random Thoughts) April, p70.
A Performance Standard for Promotions. Miguel Roig and MaryEllen Reardon. May, p49.
Circular Power Saw Safety. Tom Brennan. (Random Thoughts) May, p88.
Dangers of Overhauling. Vincent Dunn. October, p42.
Elevator Use. Elmer F. Chapman. November, p43.
Fire Service Identity is Part of the Plan for FEMA's Office of Training. (Dispatches) March, p19.
Flowing Against Tradition. Thomas F. Hardin. March, p75.
Forcible Entry. Tom Brennan. (Random Thoughts) September, p90.
From Drill to Real in 15 Days. Gerald Janda. March, p32.
Horizontal Venting. Paul McFadden. (Volunteers Corner) August, p8.
House Fires: The Initial Attack. Paul McFadden. (Volunteers Corner) March, p8.
More on Truck Fires. Gene P. Carlson. (Volunteers Corner) September, p8.
More on Venting Private Dwellings. Paul McFadden. (Volunteers Corner) June, p8.
Only One Standard. Arthur E. George. March, p37.
Operation Kitty Hawk. Gary F. Appleby. November, p35.
Portable Ladder Safety. Tom Brennan. (Random Thoughts) January, p70.
Precautions in Haz-Mat Photography. Ken Cofiell. (Training Notebook) June, p12.
Provocative Questions. Tom Brennan. (Random Thoughts) December, p90.
Reading House Types. Paul McFadden. (Volunteers Corner) January, p8.
Risk and Chance? Bull! Paul McFadden. (Volunteers Corner) November, p8.
Selection and Training of Line Officers in the Volunteer Fire Service. Brian A. Colella. August, p105.
Skills Hand-Off. Ed Kirtley. March, p35.
Some Notes on Extrication. Rick Haase. (Training Notebook) November, p10.

Steering Column Extrication: The Preparation. Ronald E. Moore. January, p32.
Steering Column Extrication: Across the Front. Ronald E. Moore. February, p48.
Steering Column Extrication: Alternatives. Ronald E. Moore. March, p43.
Strategy and Tactics: A Clarification. Burton W. Phelps. October, p31.
Teaching With Fire Photos. Tom Brennan. (Random Thoughts) March, p110.
The Metal Deck Roof Debate. Francis L. Brannigan and John Mittendorf. March, p58.
Training. Ray Downey. (The Rescue Company) December, p14.
Training Fires: Lessons vs. Risks. Joe Schumacher. May, p38.
Vehicle Extrication. Walter Alrutz. December, p62.
Vehicle Extrication. Walter Alrutz. November, p46.
Vertical Venting of Private Dwellings. Paul McFadden. (Volunteers Corner) April, p8.
Windows: For Emergency Use Only. Robert Obermayer. (Training Notebook) October, p10.

Training Notebook

Chemical Suit Procedures. Gerald L. Grey and Harry R. Carter. February, p10.
Collecting and Handling Evidence at the Fire Scene: An Overview. William A. May. August, p10.
Computer Room Fires. Water C. Adams. September, p12.
Death Notification. Kurt Ullman. March, p10.
Extrication Tool. John T. Vigiano. December, p10.
Firefighter Risk in Nonresidential Occupancies. Robert Obermayer. May, p10.
Guns and Bullets in Fires. William R. Worley. April, p12.
Initial Reports. Christopher J. Naum. January, p12.
Managing the Media at Major Haz-Mat Incidents. Leonard S. Murry. July, p13.
Precautions in Haz-Mat Photography. Ken Cofiell. June, p12.
Some Notes on Extrication. Rick Haase. November, p10.
Windows: For Emergency Use Only. Robert Obermayer. October, p10.

Volunteers Corner

Car Fires: Too Often Taken for Granted. Gene P. Carlson. May, p8.
Fire Attack with Positive-Pressure Ventilation. Gene P. Carlson. October, p8.
Haz-Mat Commitment. Gene P. Carlson. February, p8.
Horizontal Venting. Paul McFadden. August, p8.
House Fires: The Initial Attack. Paul McFadden. March, p8.
Medical Profile. Gene P. Carlson. December, p8.
More on Truck Fires. Gene P. Carlson. September, p8.
More on Venting Private Dwellings. Paul McFadden. June, p8.
Reading House Types. Paul McFadden. January, p8.
Risk and Chance? Bull! Paul McFadden. November, p8.
Truck Fires. Gene P. Carlson. July, p8.
Vertical Ventilation of Private Dwellings. Paul McFadden. April, p8.

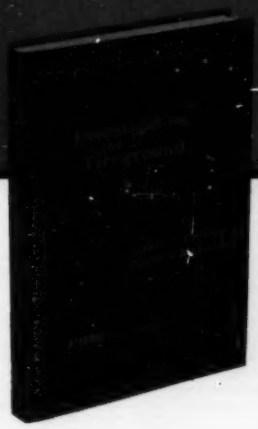
Water Supply

Flowing Against Tradition. Thomas F. Hardin. March, p75.

Dear Reader,

It's our hope that the *Fire Engineering* editorial index saves you time and effort in compiling the significant information you seek. It represents another year of fire service communication.

If you think you could be part of this listing next year or any time in the future as the author of a *Fire Engineering* article, don't hesitate to contribute. Perhaps you can be the one who conveys lessons learned and helps others avoid "reinventing the wheel."



INVESTIGATING THE FIREGROUND

2nd Printing
New Durable Library Binding

Calvin C. Phillipps, *Chief, Oshkosh Fire Dept.;* **David A. McFadden,** *Instructor Coordinator, Fire Protection Program, Fox Valley Technical Institute, Appleton*

What is the cause of the fire? An important but often neglected function of the fire service. Careful fire investigation can help future prevention of accidental fires as well as lead to the identification of arson.

Very few fire fighters receive formal training in investigation. For most it is a combination of on-the-job trial and error plus independent study. This book is ideal for independent study. It is written by fire fighters for fire fighters in no nonsense language. The step-by-step process of conducting an investigation is reinforced with case histories which provide examples of a variety of fire situations and illustrate how to use each step.

Contents

Fireground Investigation, Investigative Aspects of Fire Behavior, Fireground Influences on Fire Behavior: Point of Origin, Heat (Ignition) Sources, Firefighters' Observations, Investigating the Fire: Building Exterior, Investigating the Fire: Building Interior, Evidence, Investigating the Fire: People and Records, Vehicle Fires, Documents and Reports

FOR RUSH ORDERS: 1-918-831-9421 or 1-800-627-3216
Also order using handy "On Approval" Book Order Card bound in this issue.

Fire Engineering Book Service
P.O. Box 21288, Tulsa, OK 74101 order #38

Yes, please send me a copy of INVESTIGATING THE FIREGROUND at $26.95 per copy. I understand that if I am not fully satisfied, I may return it in 30 days for a full refund or credit.

☐ Payment enclosed including $2.00 for handling. Publisher pays postage. Money back guarantee.
☐ Please bill me plus postage and handling.
☐ Charge to my credit card
☐ MasterCard ☐ Visa

Card No. _____
Signature _____ Exp. Date ____
Name _____ (please print)
Address _____
City _____ State _____ Zip _____
Fire Dept. _____ Rank _____

AL, CA, CT, IL, KS, WA, NJ, NY, OH, OK, PA, TX and DC Residents add sales tax